

PRODUCTION OF BETA-AMYLASE

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Abstract of JP60030682

PURPOSE: To produce beta-amylase in high yield, by culturing a beta-amylase-producing strain belonging to Bacillus genus in a medium containing a specific additive such as cyclodextrin, etc.
CONSTITUTION: beta-Amylase is produced and accumulated by culturing a beta-amylase-producing strain belonging to Bacillus genus by conventional process. In the above process, the cultivation is carried out in a medium added with one or more materials selected from cyclodextrins such as alpha-cyclodextrin, beta-cyclodextrin, gamma-cyclodextrin, etc., cyclodextrin-producing enzymes such as cyclodextrin glucanotransferase, etc., isomaltose, isomaltose-producing enzyme such as alpha-D-glucosidase, etc., and sugar alcohols such as sorbitol, maltitol, etc.

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